

FIG. 2 (a)

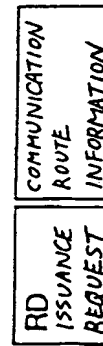


FIG. 2 (b)

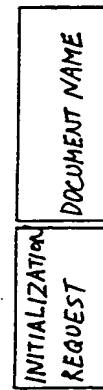


FIG. 2 (c)

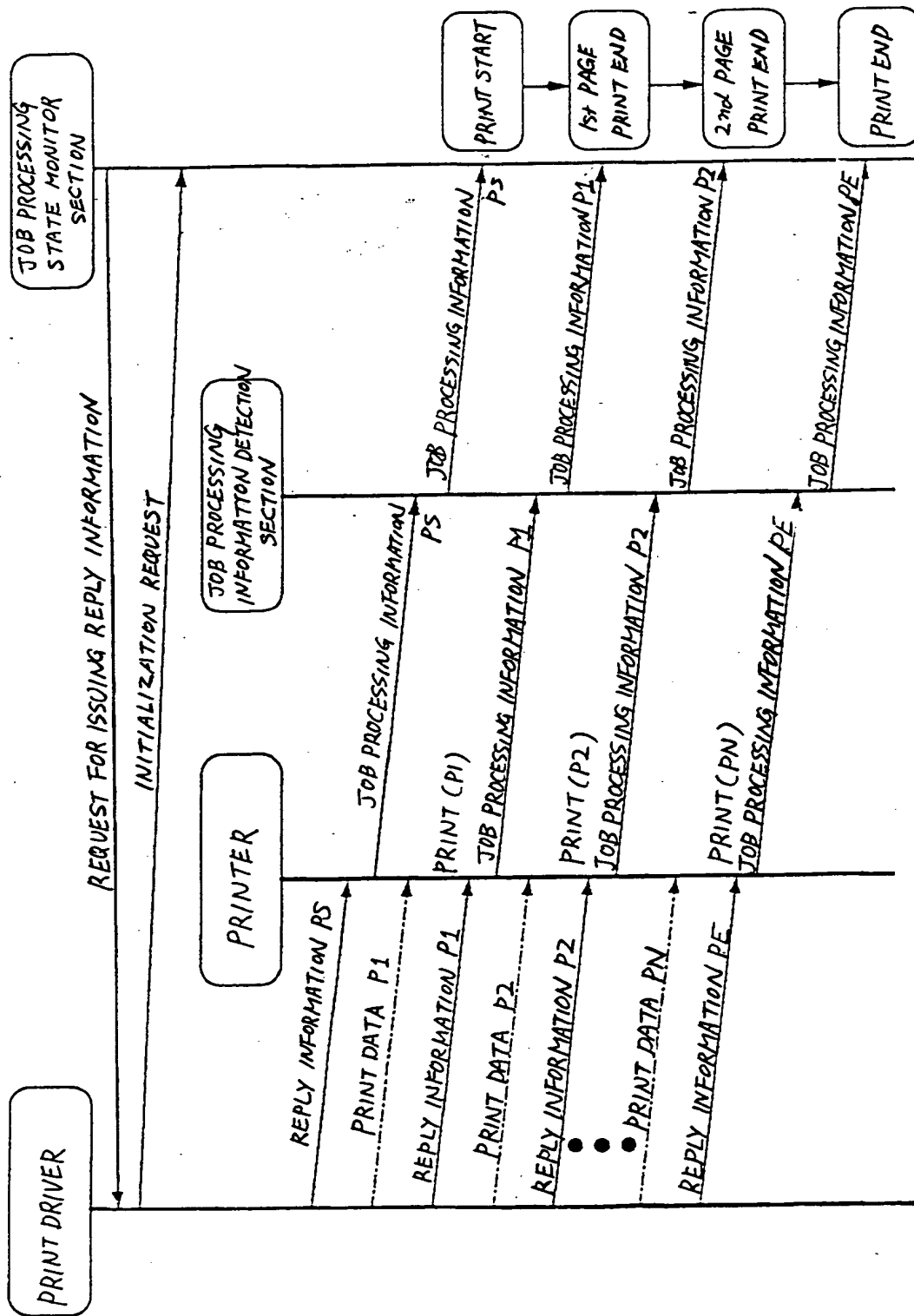
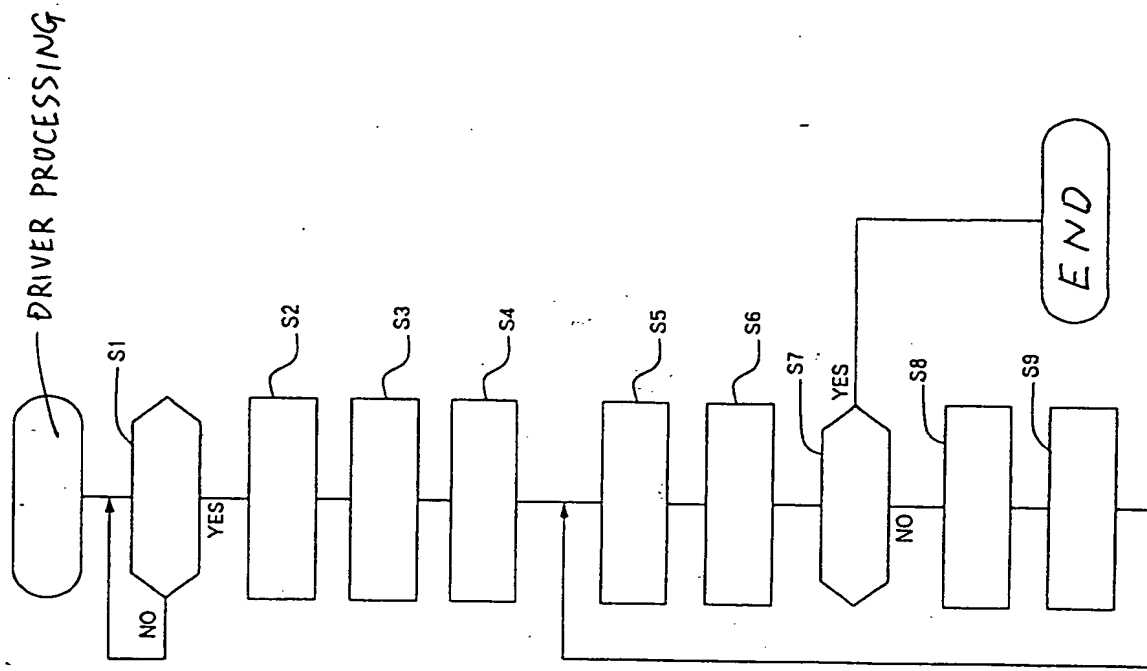
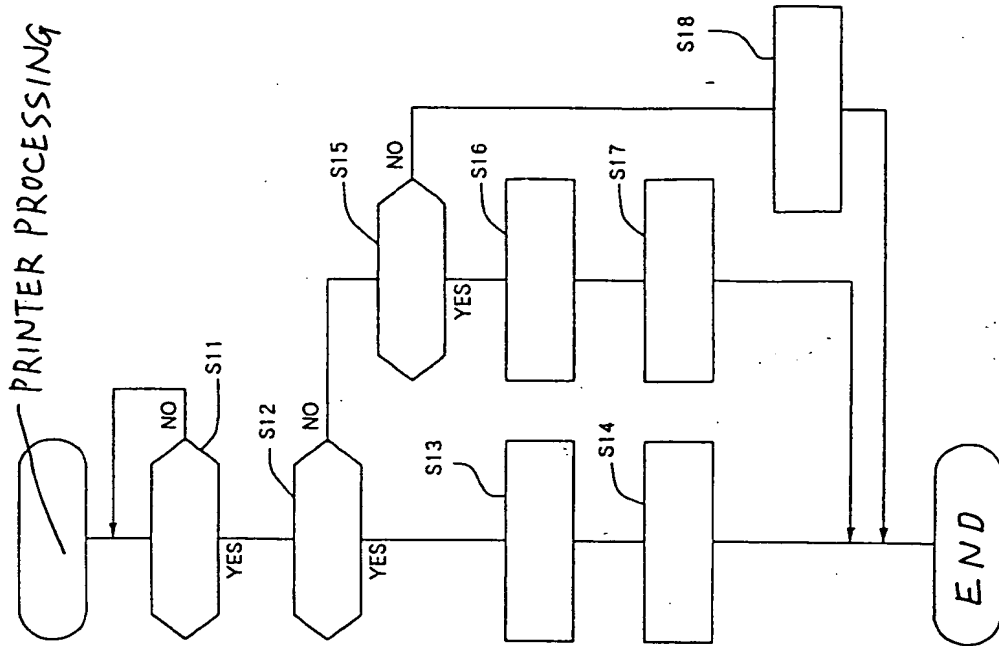


FIG.3



- S1 REQUEST FOR ISSUING RD MADE?
- S2 ISSUE INITIALIZATION REQUEST
- S3 SET COMMUNICATION ROUTE INFORMATION
- S4 ISSUE RD (PS)
- S5 GENERATE AND TRANSMIT PRINT DATA
- S6 ISSUE RD
- S7 IS PRINT JOB TRANSMISSION COMPLETE?
- S8 SET THE NEXT PROCESSING STATE
- S9 SET THE NEXT PAGE

FIG. 4



S11 RECEIVED?

S12 PRINT DATA?

S13 INTERPRET

S14 PRINT

S15 REPLY INFORMATION?

S16 EXTRACT JOB PROCESSING INFORMATION

S17 RETURN JOB PROCESSING INFORMATION

S18 PERFORM NORMAL PROCESSING

FIG. 5

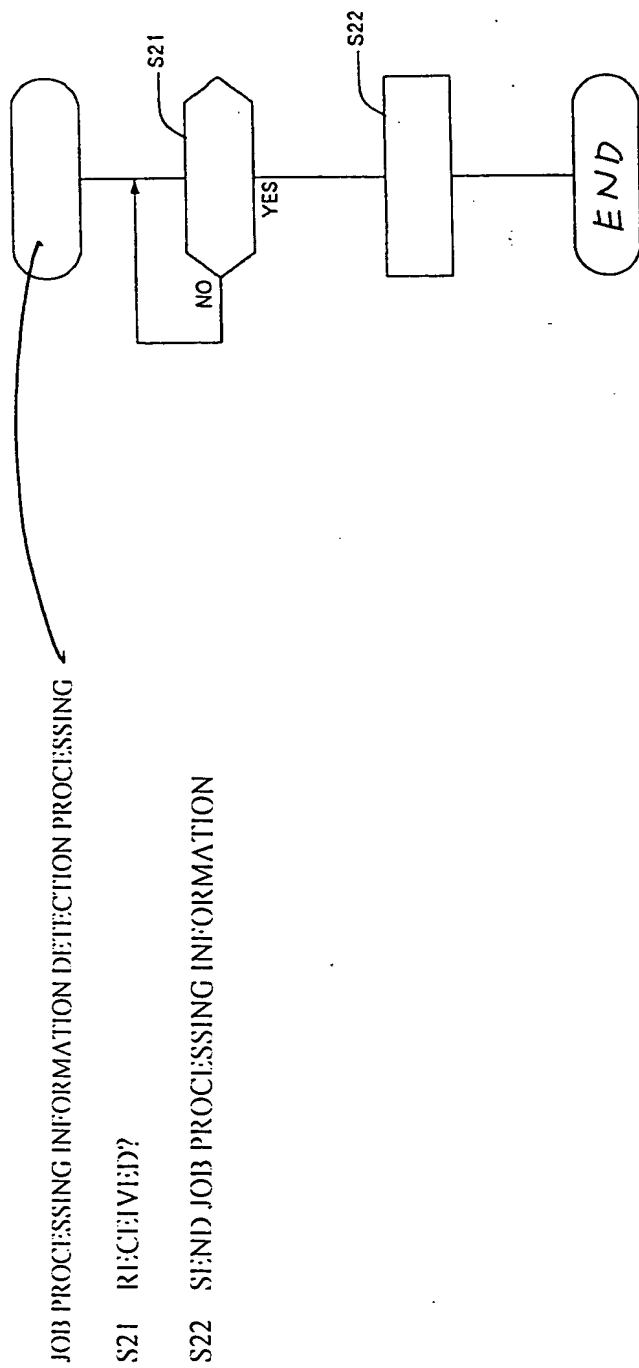
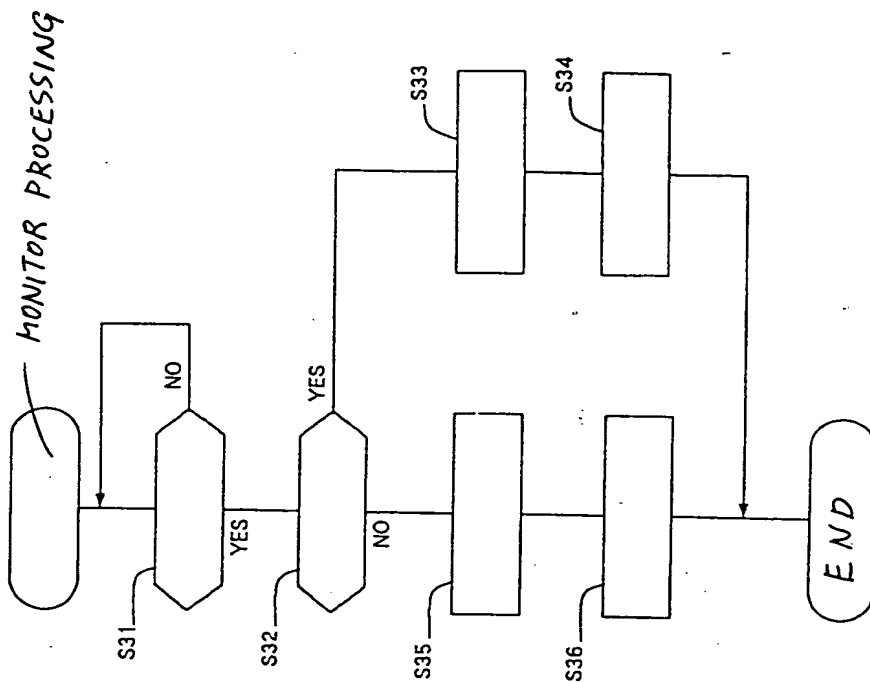


FIG. 6



- S31 RECEIVED?
- S32 INITIALIZATION REQUEST?
- S33 RESET JOB PROCESSING DISPLAY
- S34 SET NEW DOCUMENT NAME
- S35 EXTRACT JOB PROCESSING STATE
- S36 DISPLAY PROCESSING MESSAGE

FIG. 7

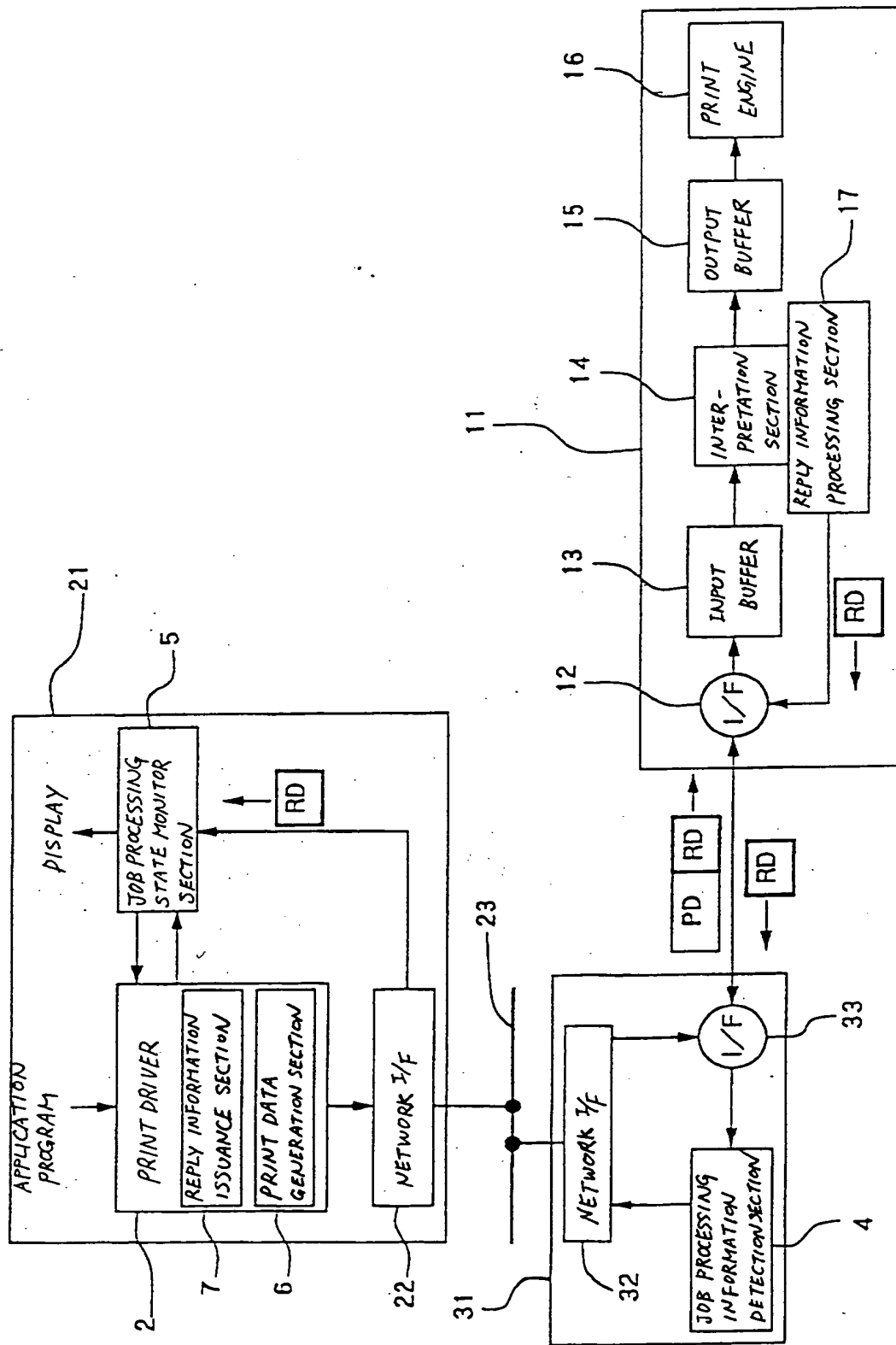


FIG. 8

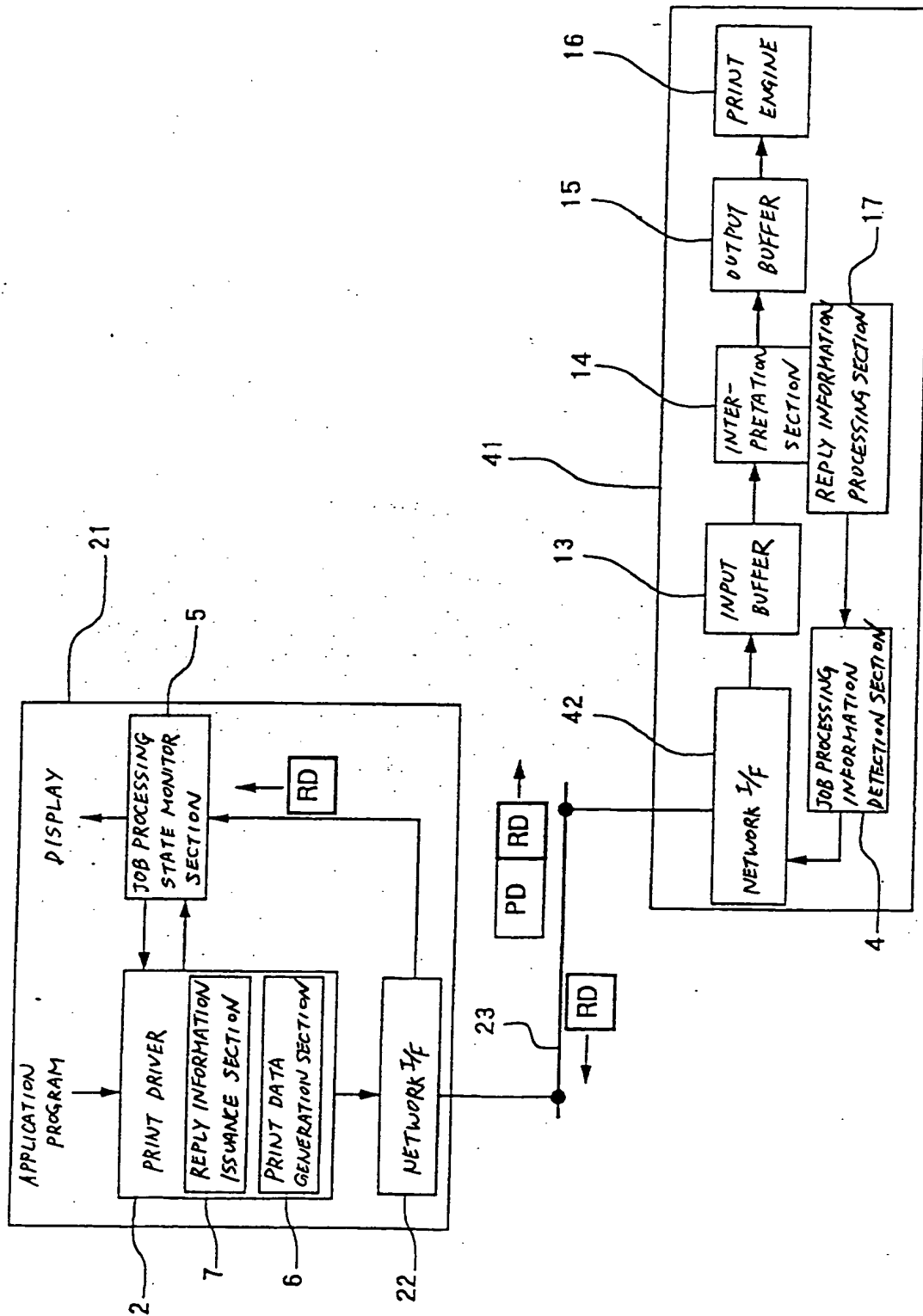


FIG. 9

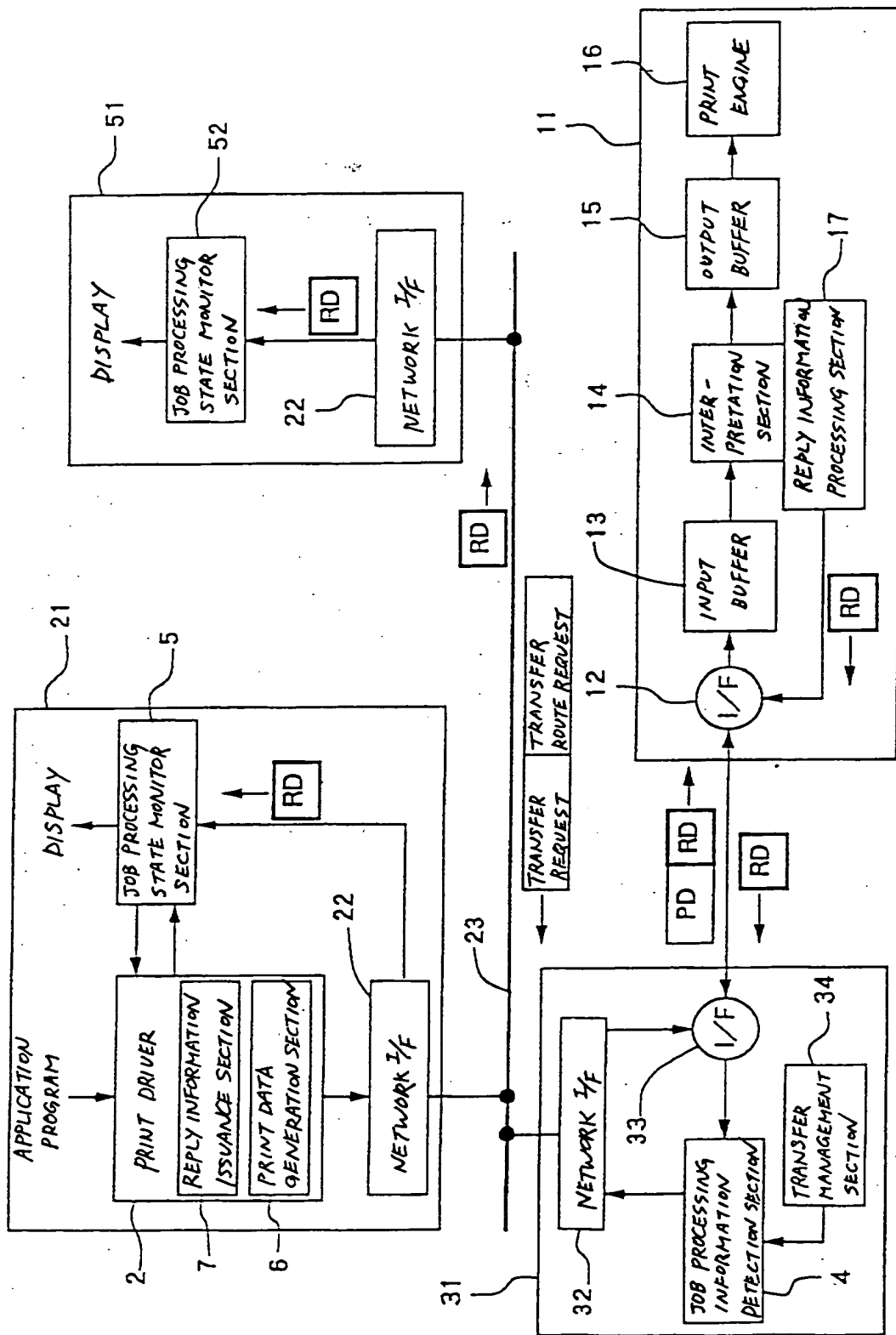


FIG. 10

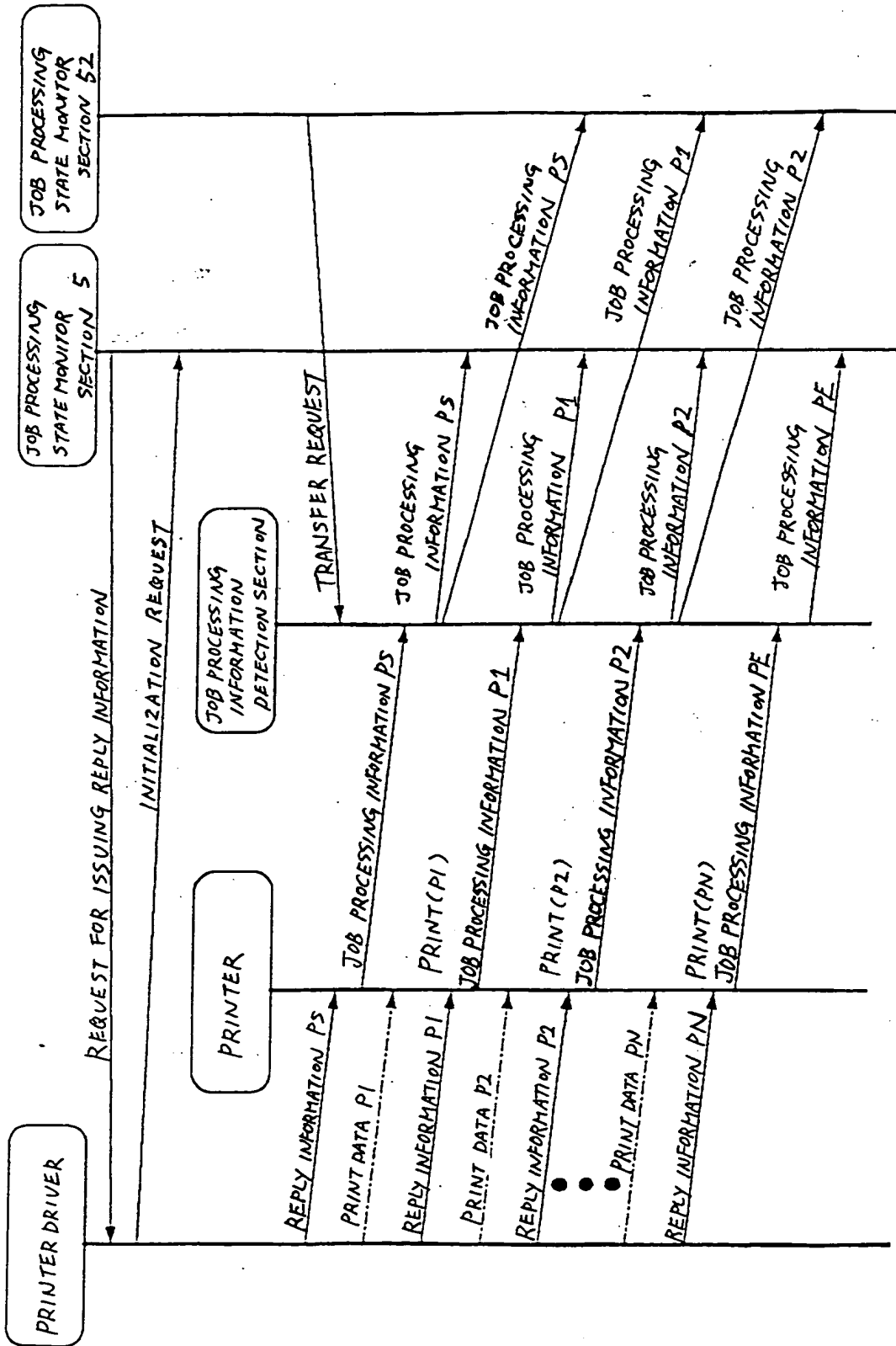


FIG. 11

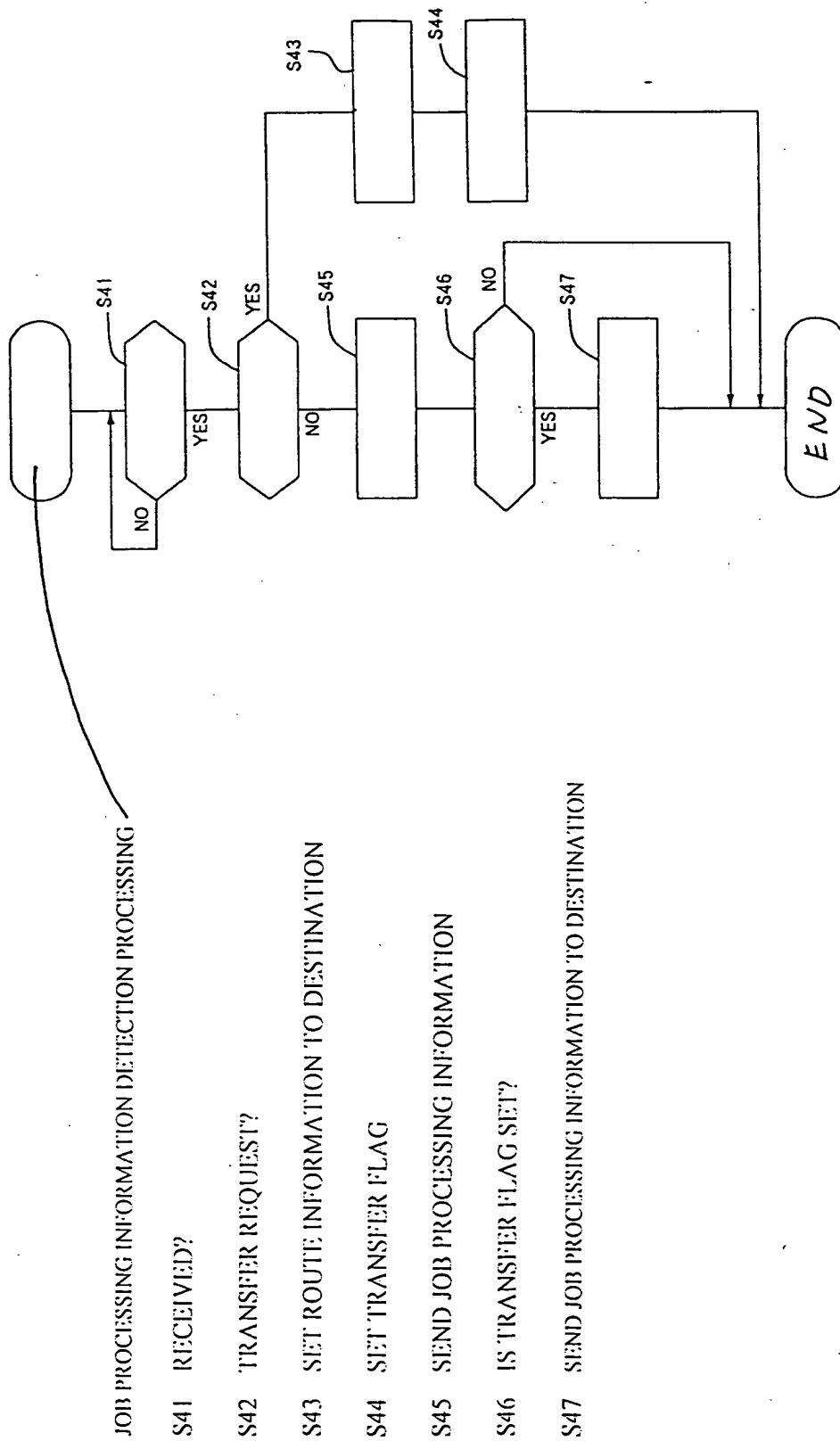


FIG. 12

DRIVER PROCESSING

S51 TRANSMIT DOCUMENT ATTRIBUTE INFORMATION

S1 REQUEST FOR ISSUING RD MADE?

S2, S3 ISSUE INITIALIZATION REQUEST

SET COMMUNICATION ROUTE INFORMATION

S4 ISSUE RD (PS)

S5 GENERATE AND TRANSMIT PRINT DATA

S52 RD ISSUING POSITION?

S6 ISSUE RD

S7 IS PRINT JOB TRANSMISSION COMPLETE?

S8 SET THE NEXT PROCESSING STATE

S9 SET THE NEXT PAGE

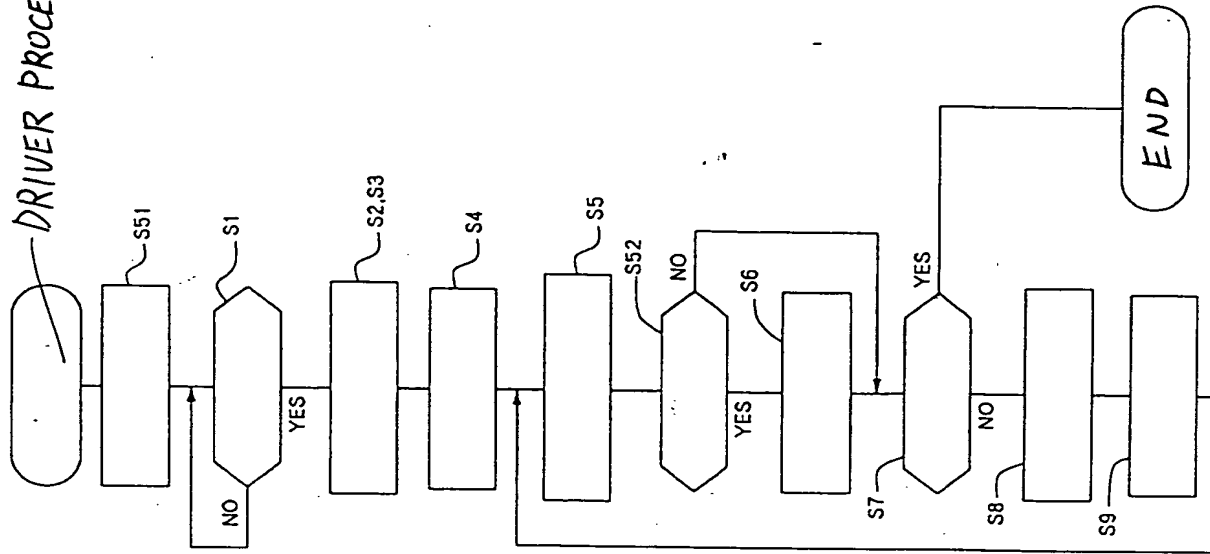
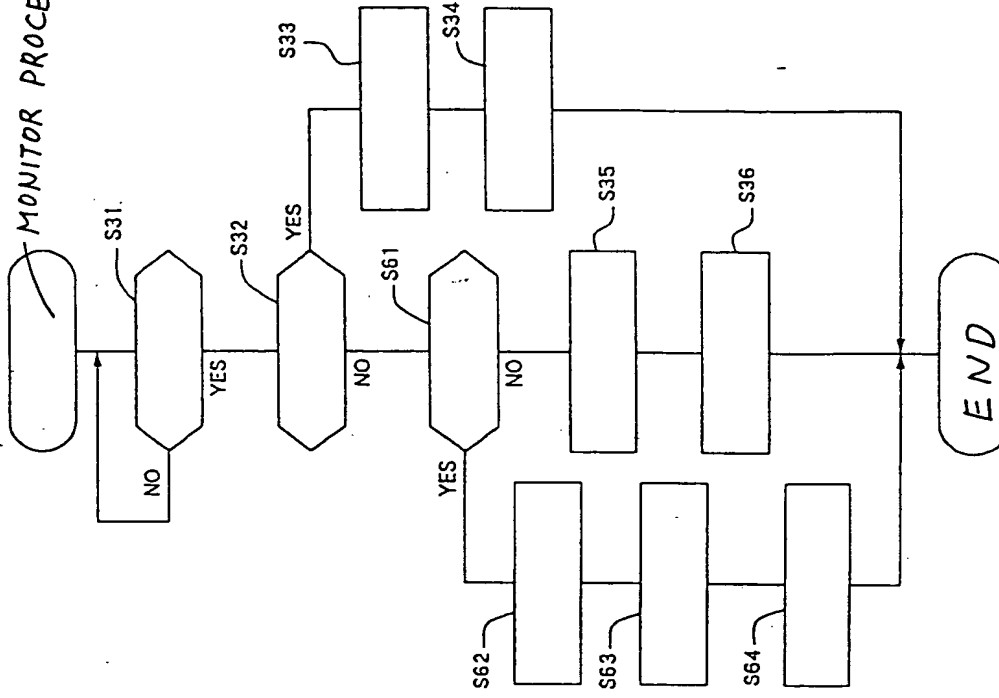


FIG. 14

MONITOR PROCESSING



S31 RECEIVED?

S32 INITIALIZATION REQUEST?

S33 RESET JOB PROCESSING DISPLAY

S34 SET NEW DOCUMENT NAME

S35 EXTRACT JOB PROCESSING STATE

S61 DOCUMENT ATTRIBUTE INFORMATION?

S36 DISPLAY PROCESSING MESSAGE

S62 ANALYZE ATTRIBUTE

S63 SELECT ISSUING MODE

S64 TRANSMIT REQUEST FOR ISSUING RD

FIG. 15

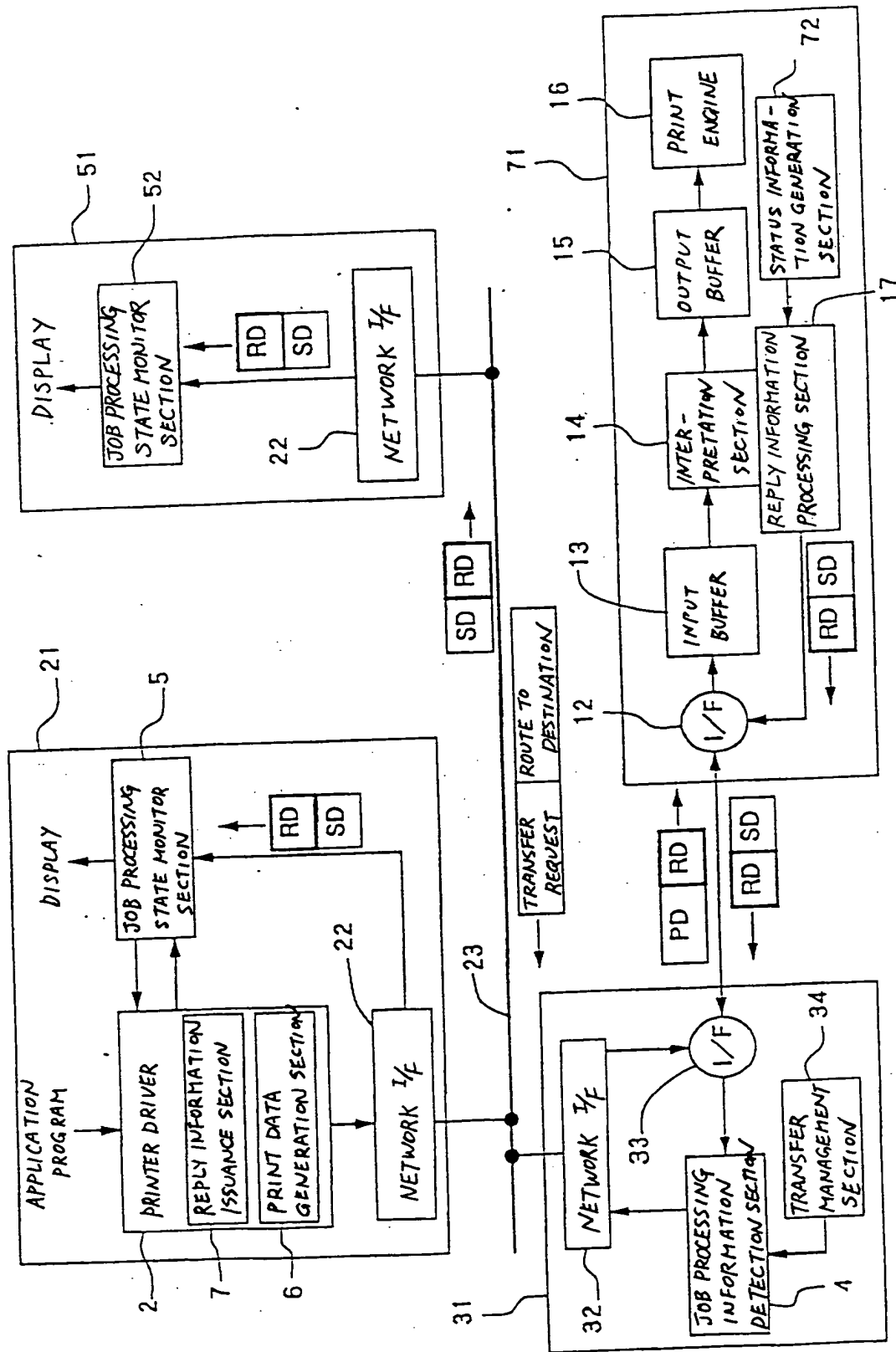
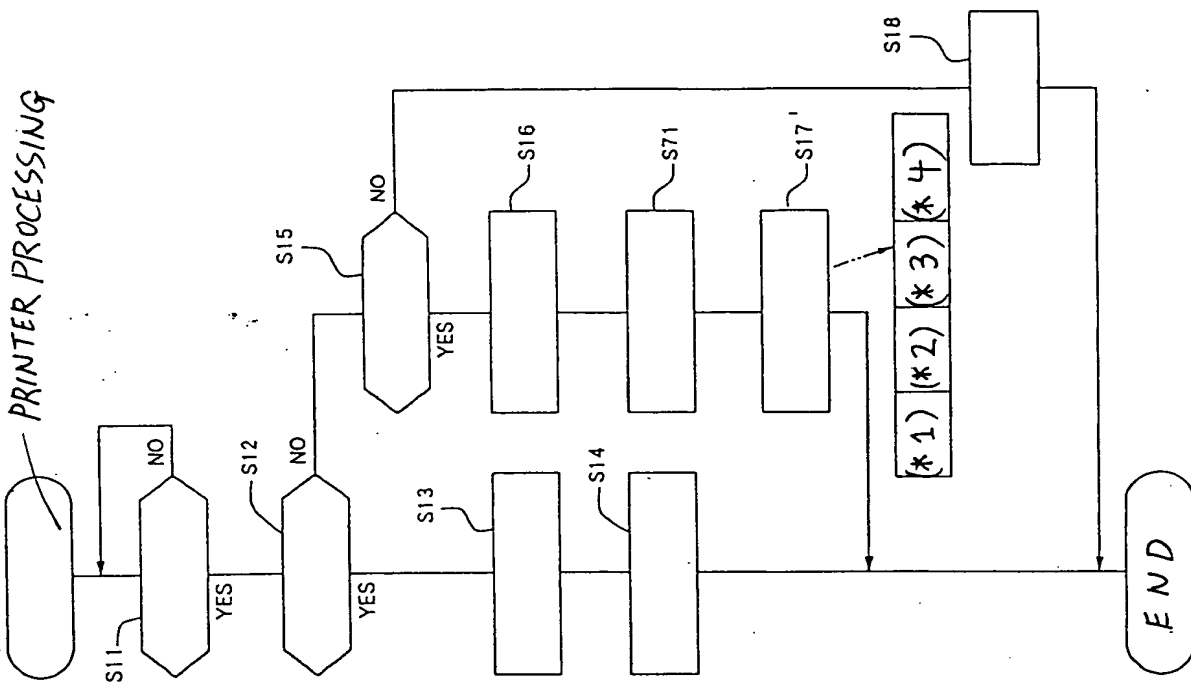


FIG. 16



S11 RECEIVED?

S12 PRINT DATA?

S13 INTERPRET

S14 PRINT

S15 REPLY INFORMATION?

S16 EXTRACT JOB PROCESSING INFORMATION

S17 ADD STATUS INFORMATION

S18 RETURN JOB PROCESSING INFORMATION

(*1) ROUTE INFORMATION (*2) DOCUMENT NAME

(*3) PROCESSING STATE (*4) STATUS

S18 PERFORM NORMAL PROCESSING

FIG. 17

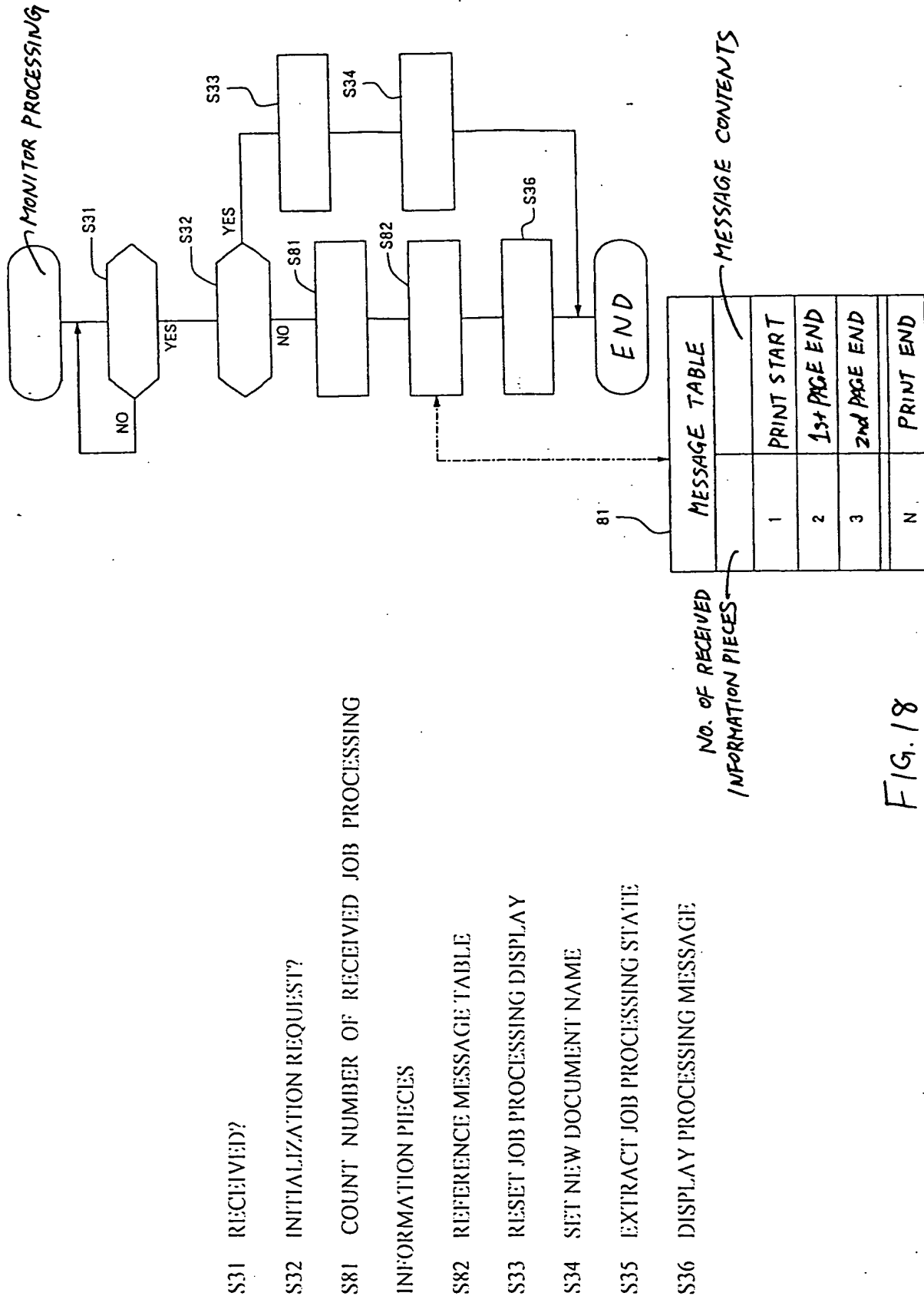


FIG. 18

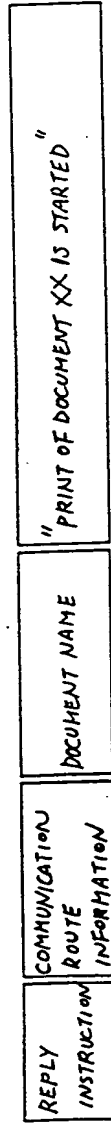


FIG. 19 (a)



FIG. 19 (b)

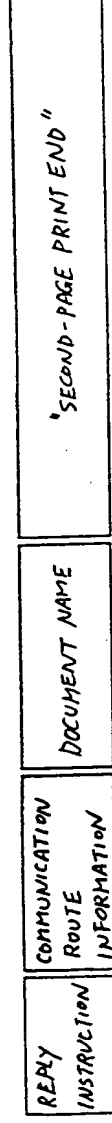


FIG. 19 (c)



FIG. 19 (d)

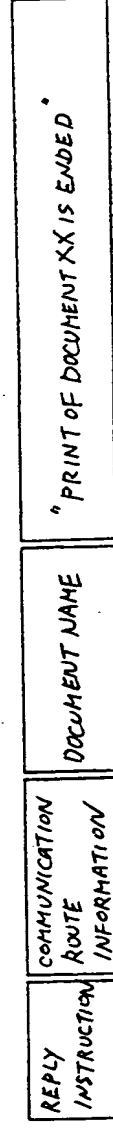
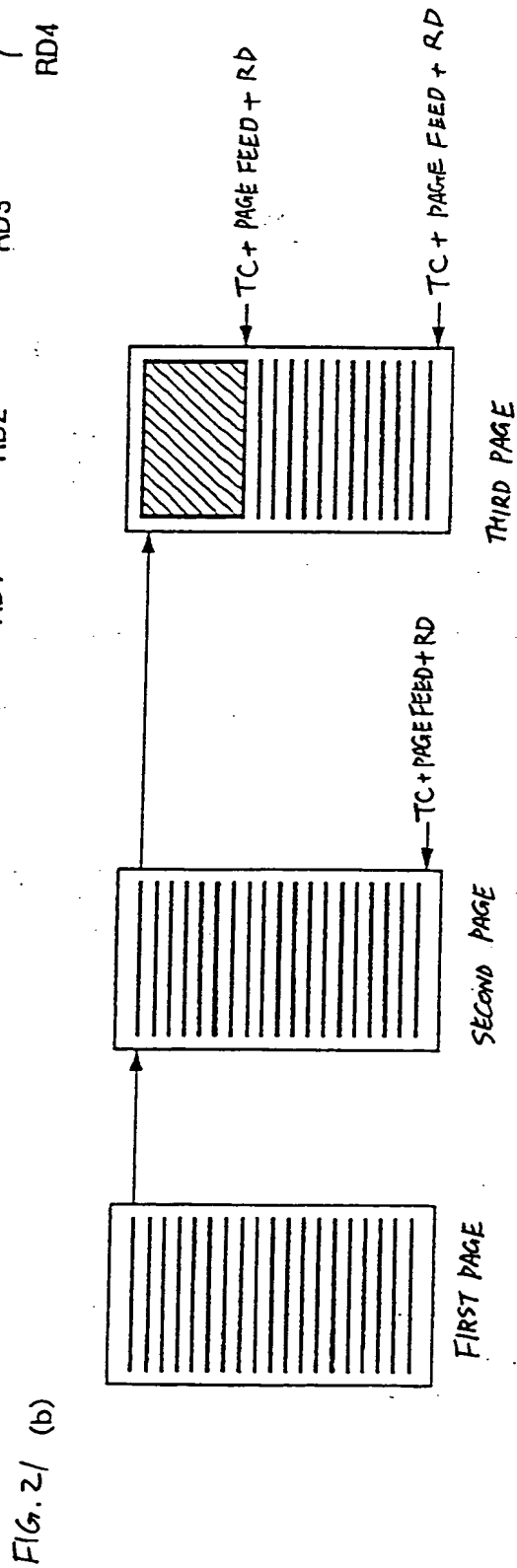
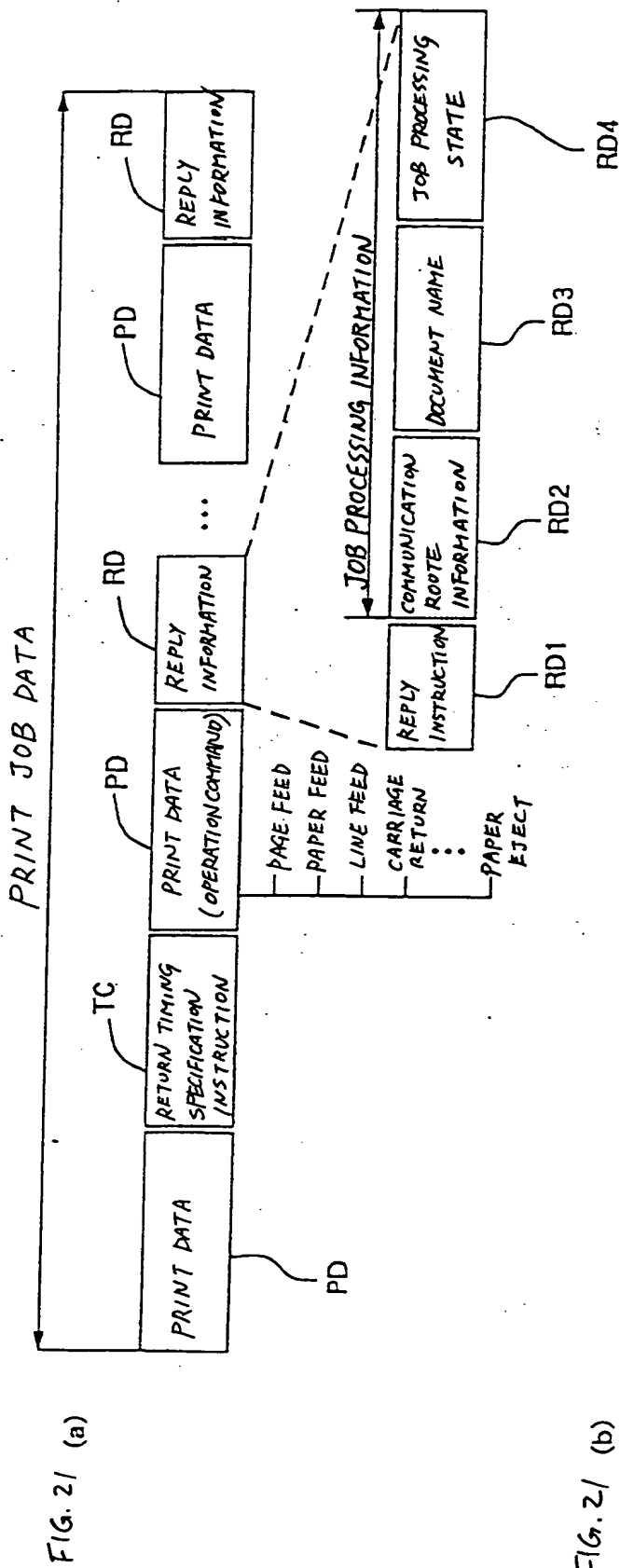


FIG. 19 (e)



SECRET 1000000000

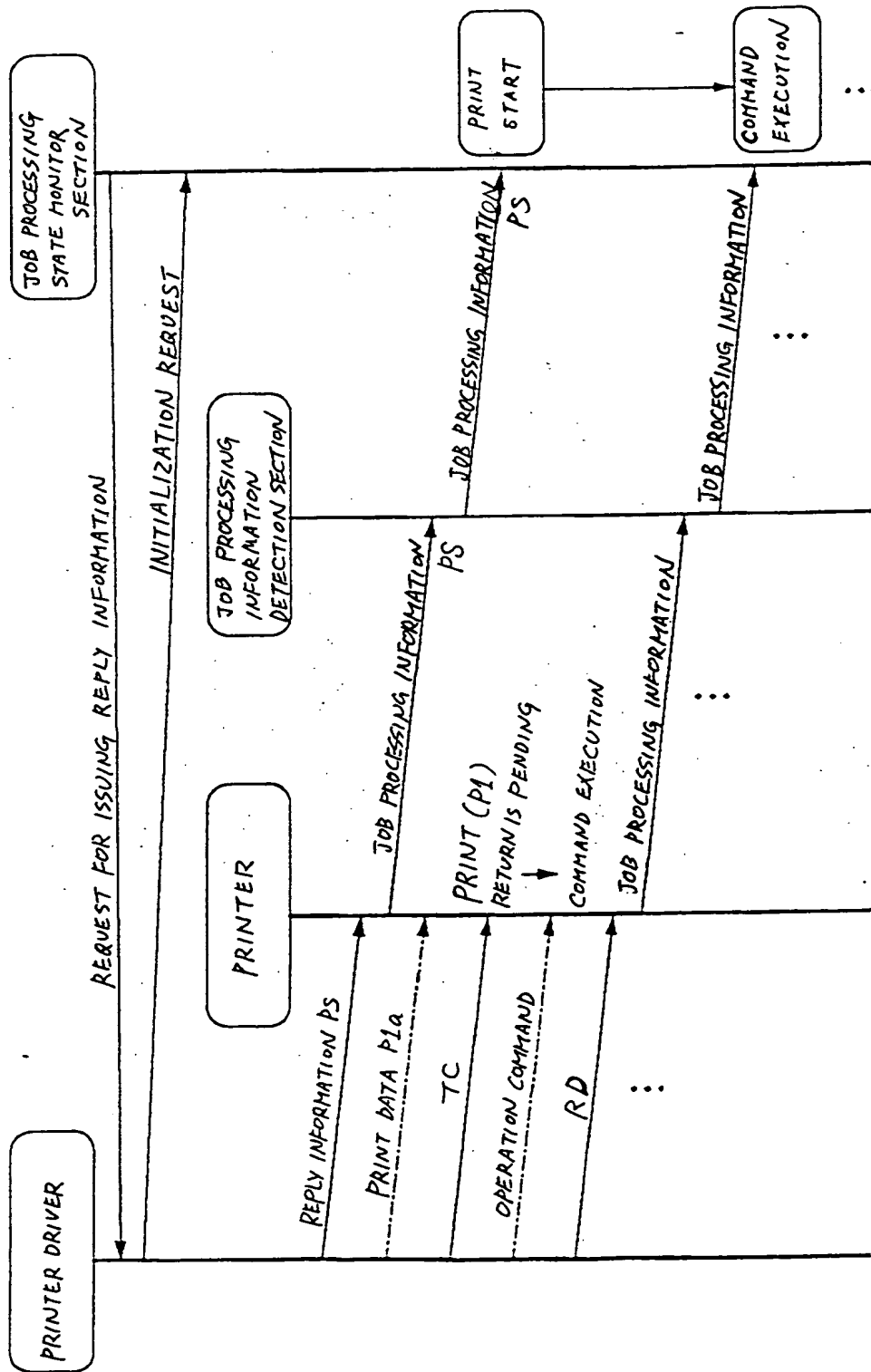
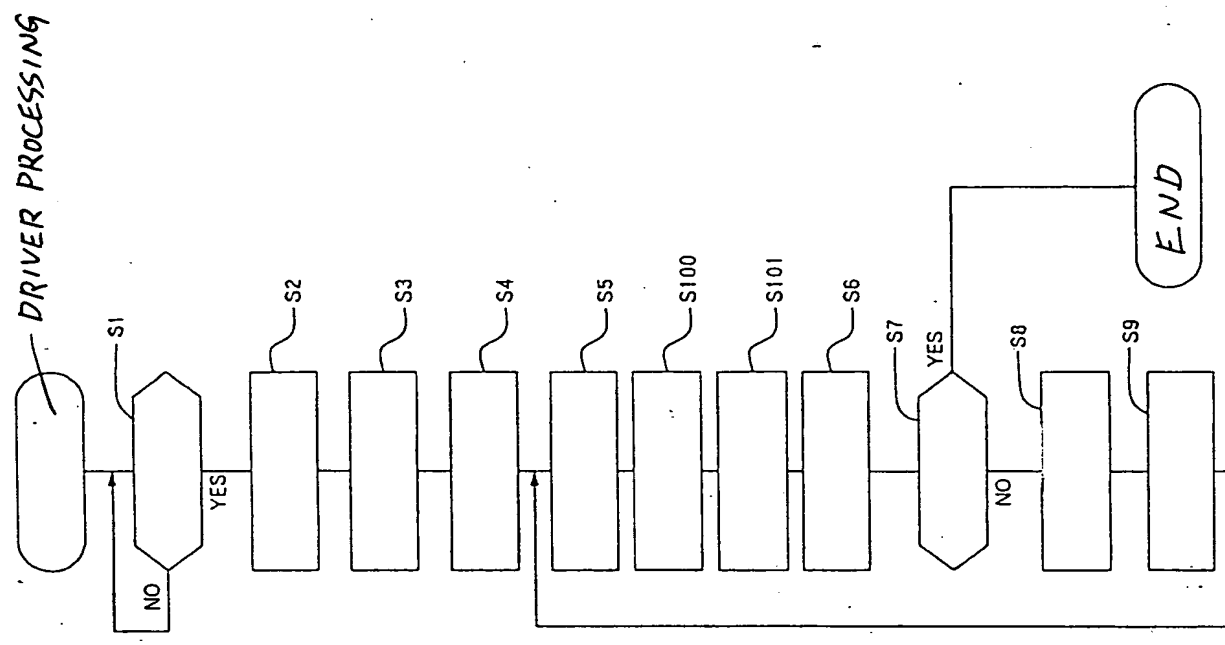


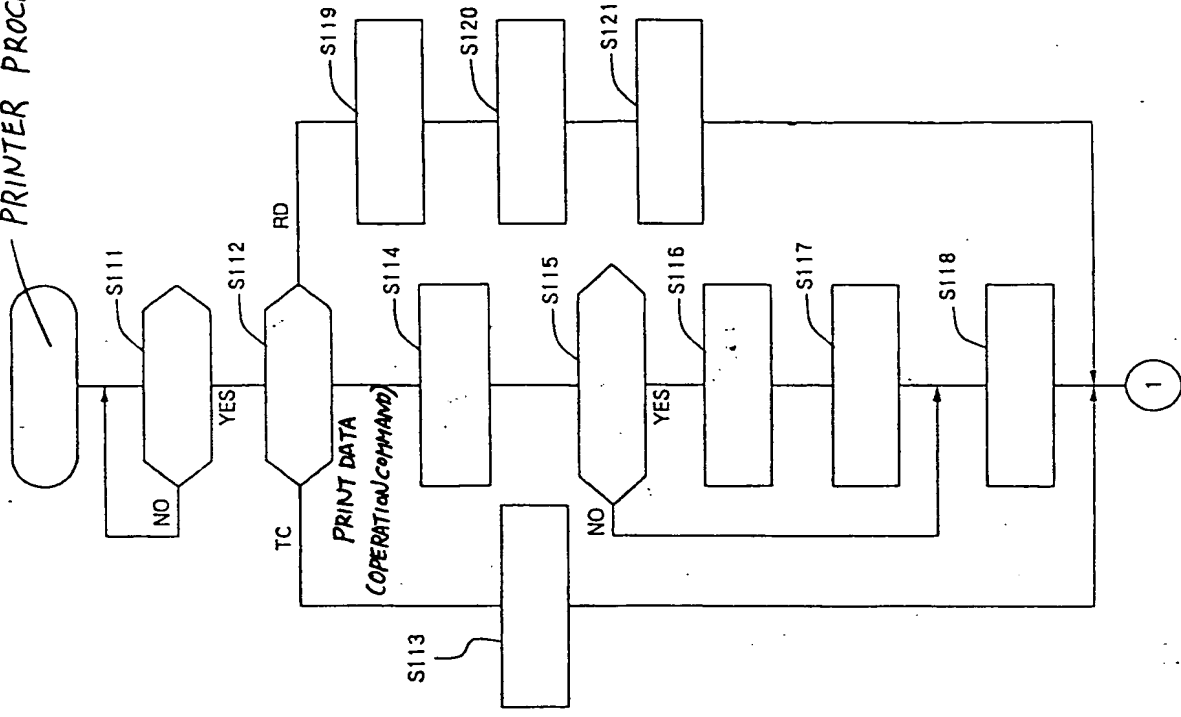
FIG. 22



- S1 REQUEST FOR ISSUING RD MADE?
- S2 ISSUE INITIALIZATION REQUEST
- S3 SET COMMUNICATION ROUTE INFORMATION
- S4 ISSUE RD (PS)
- S5 GENERATE AND TRANSMIT PRINT DATA
- S100 ISSUE TC
- S101 TRANSMIT OPERATION COMMAND
- S6 ISSUE RD
- S7 IS PRINT JOB TRANSMISSION COMPLETE?
- S8 SET THE NEXT PROCESSING STATE
- S9 SET THE NEXT PAGE

FIG. 23

PRINTER PROCESSING



S111 DATA RECEIVED FROM COMMUNICATION

PROCESSING SECTION?

S112 DETERMINE DATA TYPE

S113 SET NOTIFICATION REQUEST FLAG

S114 INTERPRET

S115 IS NOTIFICATION REQUEST FLAG SET?

S116 REQUEST ENGINE CONTROL SECTION TO SEND END

NOTIFICATION

S117 SET NOTIFICATION WAIT FLAG

S118 MAKE REQUEST FOR PRINTING

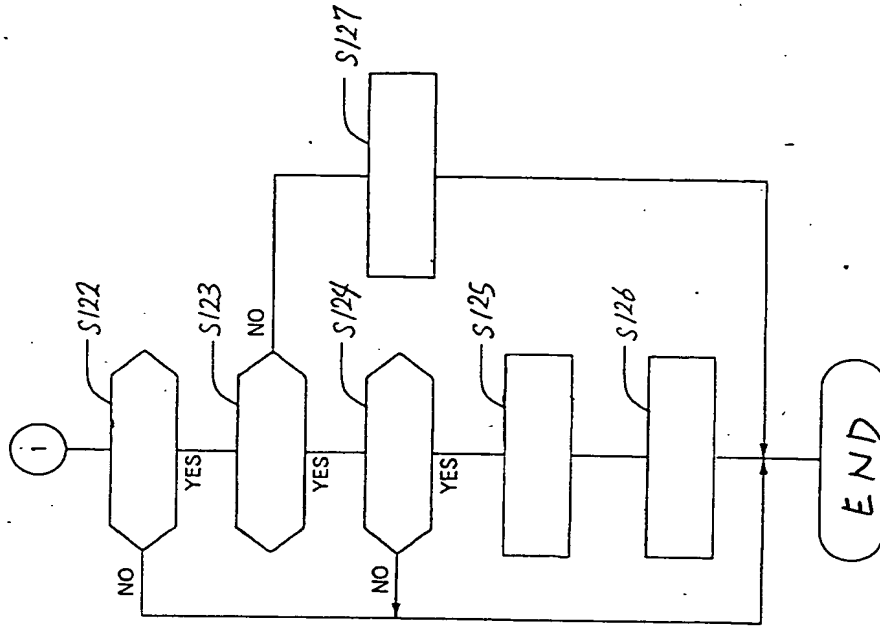
S119 EXTRACT JOB PROCESSING INFORMATION

S120 MAKE PREPARATIONS FOR RETURN OF JOB PROCESSING

INFORMATION

S121 RESET NOTIFICATION REQUEST FLAG

FIG. 24



S122 READY TO RETURN JOB PROCESSING INFORMATION?

S123 IS NOTIFICATION WAIT FLAG SET?

S124 END NOTIFICATION RECEIVED?

S125 MAKE REQUEST FOR TRANSMITTING JOB PROCESSING

INFORMATION

S126 RESET NOTIFICATION WAIT FLAG

S127 MAKE REQUEST FOR TRANSMITTING JOB PROCESSING

INFORMATION

FIG. 25

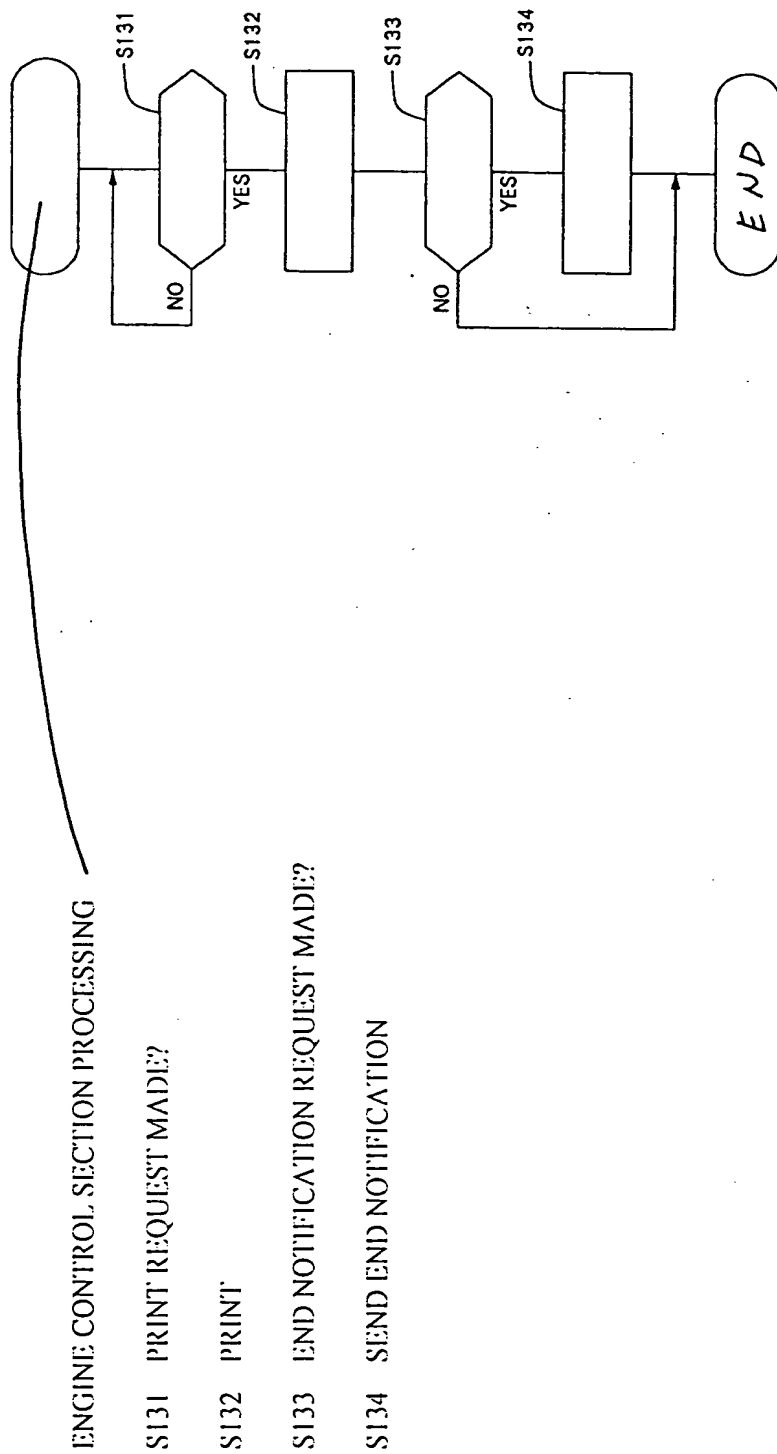


FIG. 26

FIG. 27

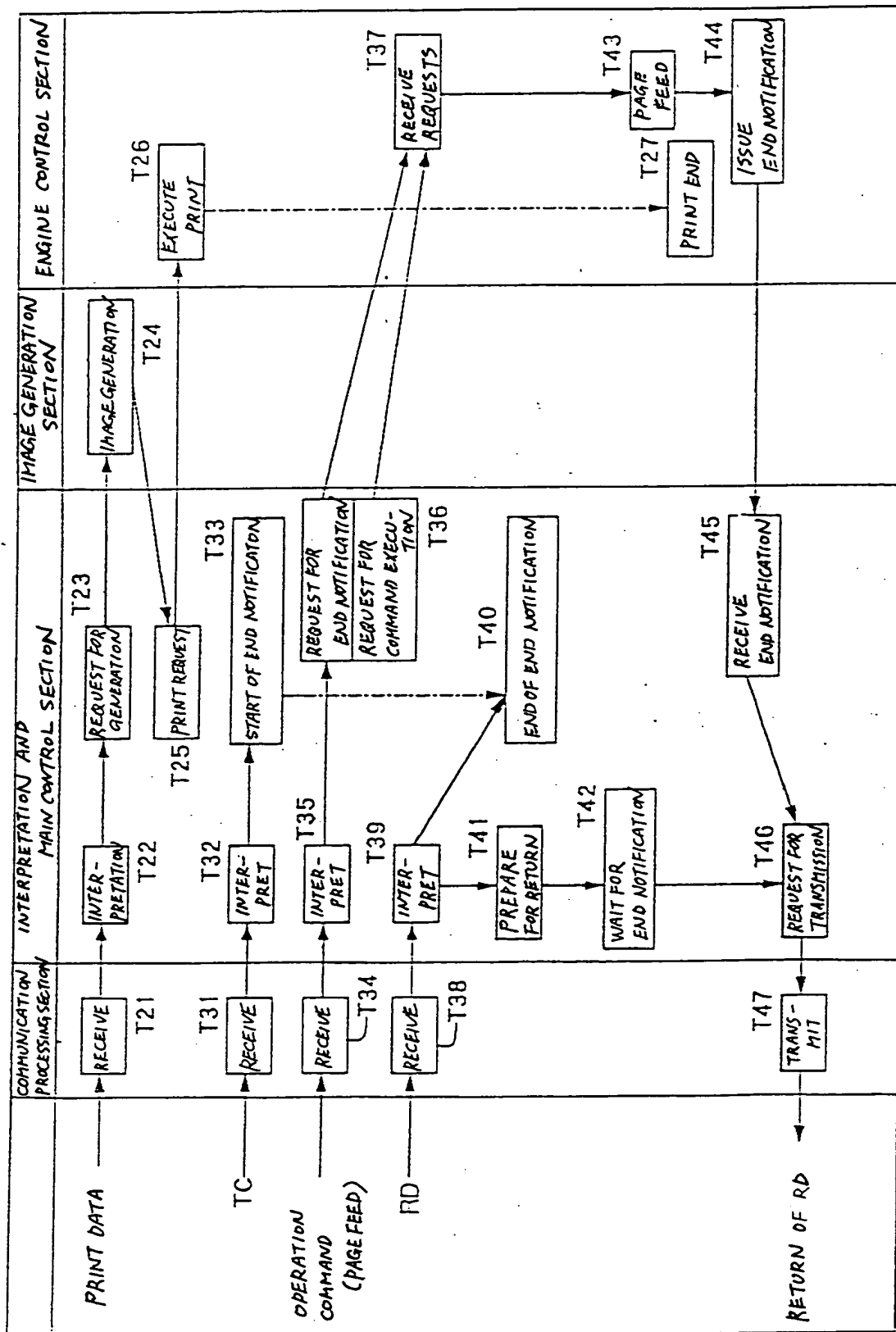


FIG. 28

DRIVER PROCESSING

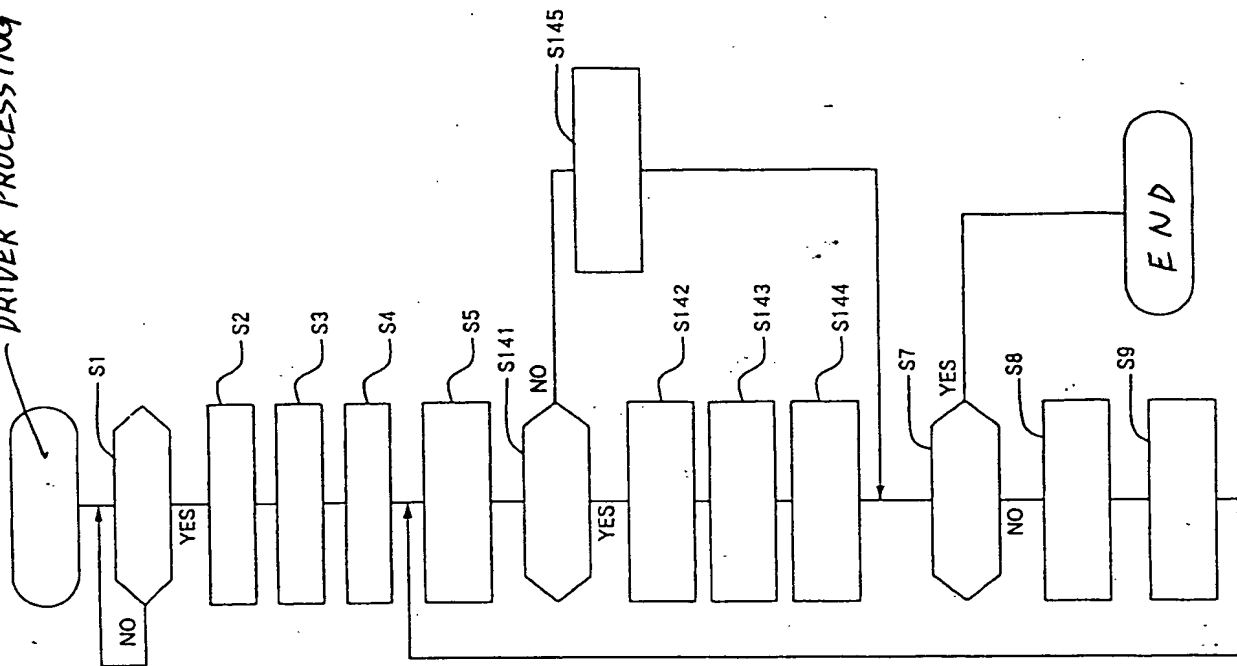
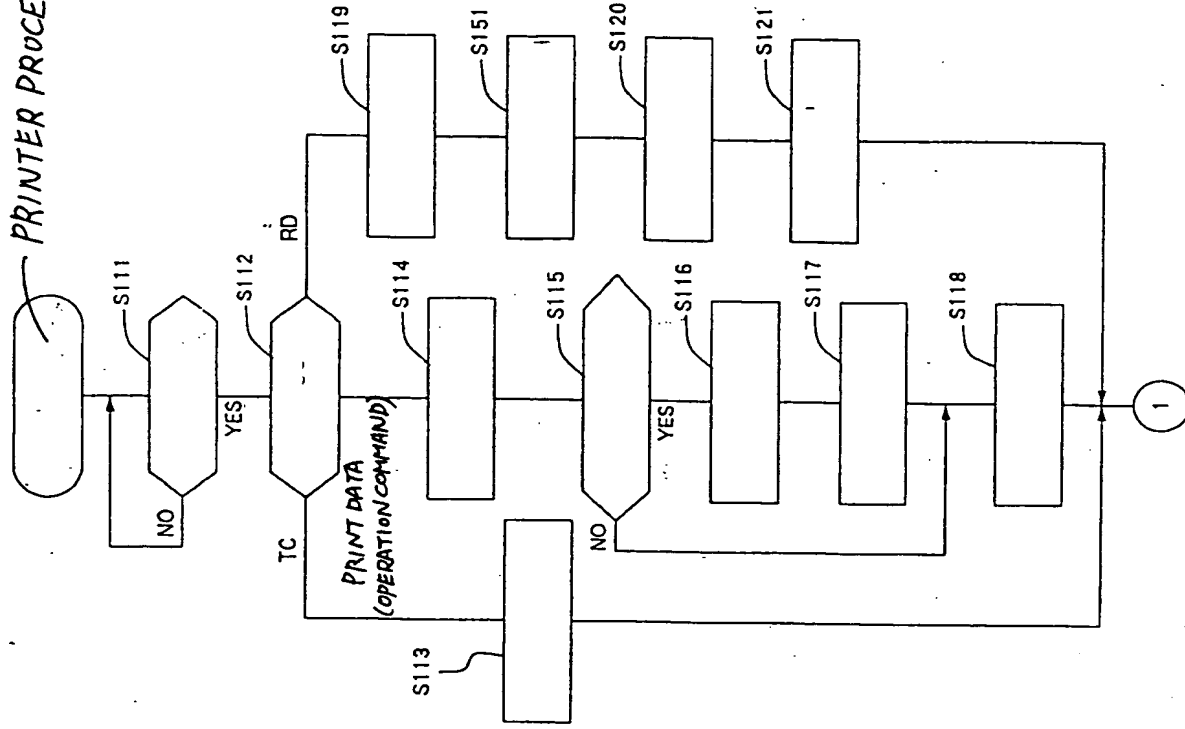


FIG. 29

PRINTER PROCESSING



- S111 DATA RECEIVED FROM COMMUNICATION PROCESSING SECTION?
- S112 DETERMINE DATA TYPE
- S113 SET NOTIFICATION REQUEST FLAG
- S114 INTERPRET
- S115 IS NOTIFICATION REQUEST FLAG SET?
- S116 REQUEST ENGINE CONTROL SECTION TO SEND END NOTIFICATION
- S117 SET NOTIFICATION WAIT FLAG
- S118 MAKE REQUEST FOR PRINTING
- S119 EXTRACT JOB PROCESSING INFORMATION
- S120 MAKE PREPARATIONS FOR RETURN OF JOB PROCESSING INFORMATION
- S121 RESET NOTIFICATION REQUEST FLAG

FIG. 30